

P#16

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/648,816B

DATE: 03/27/2002

TIME: 13:45:12

Input Set : A:\415C1.app.txt
 Output Set: N:\CRF3\03272002\I648816B.raw

4 <110> APPLICANT: Yeaman, Michael R.
 5 Shen, Alexander J.
 7 <120> TITLE OF INVENTION: ANTIMICROBIAL PEPTIDES AND DERIVED
 8 METAPEPTIDES
 10 <130> FILE REFERENCE: 660081.415C1
 12 <140> CURRENT APPLICATION NUMBER: US 09/648,816B
 13 <141> CURRENT FILING DATE: 2000-08-25
 15 <150> PRIOR APPLICATION NUMBER: US 09/622,561
 16 <151> PRIOR FILING DATE: 2000-08-18
 18 <160> NUMBER OF SEQ ID NOS: 111
 20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 74
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Oryctolagus cuniculus
 27 <400> SEQUENCE: 1
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 29 1 5 10 15
 30 Lys Thr Thr Ser Leu Val Arg Pro Arg His Ile Thr Asn Leu Glu Leu
 31 20 25 30
 32 Ile Lys Ala Gly Gly His Cys Pro Thr Ala Asn Leu Ile Ala Thr Lys
 33 35 40 45
 34 Lys Asn Gly Arg Lys Leu Cys Leu Asp Leu Gln Ala Ala Leu Tyr Lys
 35 50 55 60
 36 Lys Lys Ile Ile Lys Lys Leu Leu Glu Ser
 37 65 70
 40 <210> SEQ ID NO: 2
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 42 <212> TYPE: PRT
 43 <213> ORGANISM: Oryctolagus cuniculus
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 47 1 5 10 15
 48 Lys Thr Thr Ser Leu Val Arg Pro Gly His Ile Thr Asn Leu Glu Leu
 49 20 25 30
 50 Ile Lys Ala Gly Gly His Cys Pro Thr Ala Asn Leu Ile Ala Thr Lys
 51 35 40 45
 52 Lys Asn Gly Arg Lys Leu Cys Leu Asp Leu Gln Ala Ala Leu Tyr Lys
 53 50 55 60
 54 Lys Lys Ile Ile Lys Lys Leu Leu Glu Ser
 55 65 70
 58 <210> SEQ ID NO: 3
 59 <211> LENGTH: 18

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127 microbiocidal domains from platelet microbial
128 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits.
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131 Ala Arg Tyr Arg Lys Phe Arg Asn Lys Ile Leu Arg Ser
132 1 5 10
135 <210> SEQ ID NO: 8
136 <211> LENGTH: 14
137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Antimicrobiocidal peptide designed in part upon
142 microbiocidal domains from platelet microbial
143 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits.
145 <400> SEQUENCE: 8
146 Lys Leu Tyr Lys Lys Trp Lys Lys Lys Leu Leu Lys Leu Lys
147 1 5 10
150 <210> SEQ ID NO: 9
151 <211> LENGTH: 13
152 <212> TYPE: PRT
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Antimicrobiocidal peptide designed in part upon
157 microbiocidal domains from platelet microbial
158 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits.
160 <400> SEQUENCE: 9
161 Ala Leu Tyr Lys Lys Trp Lys Asn Lys Leu Leu Lys Ser
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165 <210> SEQ ID NO: 10
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167 <212> TYPE: PRT
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171 <223> OTHER INFORMATION: Antimicrobiocidal peptide designed in part upon
172 microbiocidal domains from platelet microbial
173 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits.
175 <400> SEQUENCE: 10
176 Lys Leu Tyr Lys Lys Trp Lys Asn Lys Leu Lys Arg Ser Leu Lys Arg
177 1 5 10 15
178 Leu Gly
182 <210> SEQ ID NO: 11
183 <211> LENGTH: 13
184 <212> TYPE: PRT
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Antimicrobiocidal peptide designed in part upon
189 microbiocidal domains from platelet microbial
190 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits.
192 <400> SEQUENCE: 11
193 Ala Leu Tyr Lys Lys Leu Phe Lys Lys Leu Lys Arg

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Input Set : A:\415C1.app.txt
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202 <220> FEATURE:
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204 microbiocidal domains from platelet microbial
205 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits.
207 <400> SEQUENCE: 12
208 Gly Leu Tyr Lys Arg Leu Phe Lys Lys Leu Leu Lys Ser
209 1 5 10
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214 <212> TYPE: PRT
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
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239 1 5 10 15
240 Leu
244 <210> SEQ ID NO: 15
245 <211> LENGTH: 8
246 <212> TYPE: PRT
247 <213> ORGANISM: Artificial Sequence
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259 <210> SEQ ID NO: 16
260 <211> LENGTH: 20
261 <212> TYPE: PRT

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262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Antimicrobicidal peptide designed in part upon
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276 <210> SEQ ID NO: 17
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278 <212> TYPE: PRT
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281 <220> FEATURE:
282 <223> OTHER INFORMATION: Antimicrobicidal peptide designed in part upon
283 microbiocidal domains from platelet microbial
284 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits.
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292 <211> LENGTH: 11
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296 <220> FEATURE:
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298 microbiocidal domains from platelet microbial
299 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits.
301 <400> SEQUENCE: 18
302 Lys Phe Lys His Tyr Phe Phe Trp Lys Tyr Lys
303 1 5 10
306 <210> SEQ ID NO: 19
307 <211> LENGTH: 11
308 <212> TYPE: PRT
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313 microbiocidal domains from platelet microbial
314 proteins 1 and 2 (PMP-1 and PMP-2) from rabbits.
316 <400> SEQUENCE: 19
317 Lys Gly Tyr Phe Tyr Phe Leu Phe Lys Phe Lys
318 1 5 10
321 <210> SEQ ID NO: 20
322 <211> LENGTH: 11
323 <212> TYPE: PRT
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Antimicrobicidal peptide designed in part upon

VERIFICATION SUMMARY

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